Exchange and Cooperation on Outdoor Photovoltaic Cabinets for Cement Plants

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Regarding all these, a stepwise solar hybridization into existing cement plants is required, as well as a storage system to achieve higher solar fractions and to operate the cement process continuously.

The arrangement and selection of PV modules in the cement plant, the electrical design of PV power station, and the construction organization plan are proposed.

In the present work, the authors have attempted to design a solar cement plant for supplying solar energy to the cement industry. A case study was done, which investigated a ...

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